Title (en)

UV-TYPE HYDROXYL GENERATOR

Title (de)

UV-HYDROXYL-GENERATOR

Title (fr)

UV GÉNÉRATEUR D'HYDROXYLE

Publication

EP 2424577 B1 20150722 (EN)

Application

EP 10719674 A 20100427

Priority

- US 2010032476 W 20100427
- US 38598109 A 20090427

Abstract (en)

[origin: US2010272600A1] Superior hydroxyls are provided which have effects on organic and inorganic compounds and/or pollutants over substantial periods of time and/or at substantial distances from where the superior hydroxyls are generated. Also provided is a hydroxyl generator, in which UV-lamps are positioned such that the coronas which they produce when emitting UV-radiation fill substantially all of the interior space of the hydroxyl generator. The coronas overlap each other by a maximum amount of between 5% and 25% of the radius of each corona.

IPC 8 full level

A61L 9/20 (2006.01); **B01D 53/00** (2006.01); **F24F 3/16** (2006.01)

CPC (source: EP US)

A61L 9/032 (2013.01 - US); **A61L 9/20** (2013.01 - EP US); **B01D 53/007** (2013.01 - EP US); A61L 9/00 (2013.01 - US); A61L 9/03 (2013.01 - US); A61L 9/205 (2013.01 - US); B01D 2257/708 (2013.01 - EP US); B01D 2259/804 (2013.01 - EP US); H01J 17/00 (2013.01 - US); Y10S 422/90 (2013.01 - EP US); Y10S 422/907 (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

US 2010272600 A1 20101028; **US 8257649 B2 20120904**; EP 2424577 A1 20120307; EP 2424577 B1 20150722; HK 1168052 A1 20121221; US 2013004381 A1 20130103; US 2014314627 A1 20141023; US 8765072 B2 20140701; US 9168323 B2 20151027; WO 2010126850 A1 20101104

DOCDB simple family (application)

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